

COMPLETE SET OF PENDING CLAIMS

1-3. (Cancelled).

4. (Currently Amended) The system of claim 18 further including a fluid supply system connected to capsule assembly to sequentially supply at least a rinsing fluid followed by a drying fluid to the capsule assembly.

5. (Currently Amended) The system of claim 18 where the capsule assembly spins about a vertical axis.

6. (Currently Amended) The system of claim 18 with the ~~first~~ upper rotor contained within a head attachable to an elevator, with the head moveable vertically towards and away from the ~~second~~ lower rotor.

7. (Currently Amended) The system of claim 18 further including a second brush station including brushes and a liquid supply system.

8. (Currently Amended) A system for cleaning a workpiece, comprising:
at least one brush station having brushes for brushing a workpiece;
~~a rinser/dryer~~including rinser/dryer including:

a first chamber member having an interior first chamber member wall;

a second chamber member having an interior second chamber member wall, the first and second chamber members adapted for relative movement between a loading position in which the first and second chamber members are spaced apart from each other, and a processing position in which the first and second chamber members are engaged to each other, to define a processing chamber;

a plurality of pins on the second chamber member wall, adapted to hold a workpiece spaced apart from the second chamber member wall;

at least one fluid inlet in at least one of the first and second interior chamber walls for delivering a fluid onto the workpiece when the first and second chamber members are in the processing position;

at least one outlet positioned to allow escape of fluid from the processing chamber, by centrifugal force generated by rotating the processing chamber;

~~at least one workpiece supports assembly for supporting the workpiece, the at least one workpiece support assembly having a plurality of support members operable to space the workpiece a first distance from the interior first chamber member wall, when the first and second chamber members are in the loading position, and also operable to space the workpiece a second distance from the interior first chamber member wall, when the first and second chamber members are in the processing position, with the first distance greater than the second distance; and~~

a robot having an end effector for holding a workpiece, with the robot moveable between the at least one brush station and the rinser/dryer, to transfer a workpiece from the brush station to the rinser/dryer.

9. (Cancelled)

10. (Original) The system of claim 8 wherein first and second chamber members move linearly together and apart.

11. (Cancelled)

12. (Currently Amended) The system of claim 8 where the ~~upper and lower chamber members form a~~ processing chamber generally ~~conforming~~ conforms to the shape of the workpiece.

13. (Cancelled)

14. (Currently Amended) The system of claim ~~43~~ 8 further including a plurality of top spacing members on the ~~top~~ first chamber member wall, ~~substantially aligned with the pins.~~

15. (Currently Amended) The system of claim ~~43~~ 14 where the spacing members are adjacent to the outlet in the processing chamber.

16. (Original) The system of claim 8 further including an annular sidewall on the first chamber member extending towards the second chamber member, and with the annular sidewall positioned so that when a workpiece is placed in the chamber, the circumferential edge of the workpiece is spaced apart from the annular sidewall by a distance substantially equal to the thickness of the workpiece.

17. (Cancelled)

18. (New) A system for cleaning a workpiece, comprising:

a brush station having brushes and a liquid supply for supplying liquid to the workpiece;

a capsule assembly formed by an upper rotor and a lower rotor, with the capsule assembly adapted to hold and spin the workpiece, and the capsule assembly including at least one of a first inlet in the upper rotor for providing a first fluid to an upper surface of the workpiece and a second inlet in the lower rotor for providing a second fluid to a lower surface of the workpiece; and at least one outlet positioned to allow escape of

fluid from the capsule assembly, by centrifugal force generated by rotating the capsule assembly; and

a robot moveable to transfer the workpiece from the brush station to the capsule assembly.

19. The system of claim 18 further comprising a seal for sealing the upper rotor against the lower rotor, to prevent escape of fluid from the capsule assembly, except via the outlets.